IC10 Recta 9 MAR 2002
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 02-213)

In the Application of:)
)
Philip John Hogg, et al.)
) Examiner: TBA
Serial No.: U.S. Nat'l Phase of PCT/AU00/01143)
) Group Art Unit: TBA
Filing Date: Int'l Filing Date September 20, 2000	j
-)
For: A Substantially Cell Membrane Impermeable	e)
Compound and Use Thereof	•

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the cited references are enclosed. These references are also listed on the enclosed PTO Form 1449.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

Applicants do not believe any fee is due with this submission. If this belief be in error and the Patent Office determines that the fee prescribed in the relevant portion of 37 C.F.R. Section 1.97 is applicable, the undersigned attorney by his signature hereby authorizes any such fee to be debited from Deposit Account 13-2490.

U. S. PATENTS

1. U.S. Patent No. 3,883,650 issued May 17, 1975.

OTHER DOCUMENTS

- 2. Fairlamb, et al. "Trypanothione is the Primary Target for Arsenical Drugs against African Trypanosomes" Proc. Natl. Acad. Sci., Vol. 26, pp 2607-2611 (1989)
- 3. Fairlamb, A., "Metabolism and Functions of Trypamothione in the Kenetoplastida", Ann. Rev. Microbiol., vol. 46, pp. 695-729 (1992)
- 4. Cunningham, et al. "Mechanism of Inhibition of Trypanothione Reductase and Glutathione Reductase by Trivalent Organic Arsenicals" Eur. J. Biochem., vol. 221, pp. 285-295 (1994)
- 5. Bhargava, et al. "Effect of arsenical Drugs on Glutathione Metabolism of *Litomosoides carinii*" Mol. Biochem. Parasitol, vol. 9, 99 29-35 (1983)
- 6. Carter, et al. "Arsenical-resistant Trypanosomes Lack an Unusual Adenosine Transporter" Nature, vol. 36, no. 6408, pp. 173-176 (1993).
- 7. Pisciotto, P., et al. "Induction of Mucosal Glutathione Synthesis by Arsenic" Biochimica et Biophysica Acta, vol. 628, pp. 241-243 (1980).
- 8. Chemical Abstracts Registry No. 1112-90-3. p-amino phenyl arsenoxide.
- 9. Chemical Abstracts Registry No. 637-03-6. Arsenosobenzene.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: March 19, 2002

Rv.

Michael S. Greenfie Reg. No. 37.142



Form PTO-1449

U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: Hogg, et al.

Filling Date: March 19, 2002 Group: unassigned

U.S. PATENT DOCUMENTS

Exami ner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	1	3,883,650	May 17, 1975	Friedheim, et al.			July 18, 1972

OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

2	Fairlamb, et al. "Trypanothione is the Primary Target for Arsenical Drugs against African Trypanosomes" <u>Proc.</u> Natl. Acad. Sci., Vol. 26, pp 2607-2611 (1989)
3	Fairlamb, A., "Metabolism and Functions of Trypamothione in the Kenetoplastida", Ann. Rev. Microbiol., vol. 46, pp. 695-729 (1992)
4	Cunningham, et al. "Mechanism of Inhibition of Trypanothione Reductase and Glutathione Reductase by Trivalent Organic Arsenicals" <u>Eur. J. Biochem.</u> , vol. 221, pp. 285-295 (1994)
5	Bhargava, et al. "Effect of arsenical Drugs on Glutathione Metabolism of <i>Litomosoides carinii</i> " Mol. Biochem. Parasitol, vol. 9, 99 29-35 (1983)
6	Carter, et al. "Arsenical-resistant Trypanosomes Lack an Unusual Adenosine Transporter" Nature, vol. 36, no. 6408, pp. 173-176 (1993).
7	Pisciotto, P., et al. "Induction of Mucosal Glutathione Synthesis by Arsenic" <u>Biochimica et Biophysica Acta,</u> vol. 628, pp. 241-243 (1980).
8	Chemical Abstracts Registry No. 1112-90-3. p-amino phenyl arsenoxide
9	Chemical Abstracts Registry No. 637-03-6. Arsenosobenzene.

Examiner	Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.